



# 1999 Toxics Release Inventory

## NEW YORK

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	26,605,235	35,250,361	61,855,596
Air Emissions	16,821,976	19,570,770	36,392,746
Surface Water Discharges	9,458,323	369,315	9,827,638
Underground Injection Class I Wells	250	0	250
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	11,982	6,184,700	6,196,682
Other On-site Land Releases	312,704	9,125,576	9,438,280
Off-site Releases (Transfers Off-site to Disposal)*	9,235,693	722,939	9,958,632
<b>Total On- and Off-site Releases</b>	<b>35,840,928</b>	<b>35,973,300</b>	<b>71,814,228</b>
Recycled On-site	155,961,572	1,170,500	157,132,072
Recycled Off-site	78,820,848	356,141	79,176,989
Energy Recovery On-site	26,617,963	0	26,617,963
Energy Recovery Off-site	6,192,842	244,836	6,437,678
Treated On-site	105,436,700	7,225,107	112,661,807
Treated Off-site**	15,678,021	191,054	15,869,075
Quantity Released On- and Off-site***	32,947,844	38,143,814	71,091,658
<b>Total Production-related Waste Managed</b>	<b>421,655,790</b>	<b>47,331,452</b>	<b>468,987,242</b>
<b>Total Non-production-related Waste Managed</b>	<b>4,127,502</b>	<b>9,931</b>	<b>4,137,433</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	77,018,773	420,878	77,439,651
Energy Recovery	5,970,393	245,097	6,215,490
Treatment	5,491,023	94,159	5,585,182
Publicly Owned Treatment Works (POTWs)	9,728,623	1,196	9,729,819
Metals and Metal Compounds*	143,380	189	143,569
Non-metal TRI Chemicals**	9,585,243	1,007	9,586,250
Other Off-site Transfers****	87,200	0	87,200
Off-site Transfers to Disposal (not including metals to POTWs)	9,775,548	740,264	10,515,812
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>108,071,560</b>	<b>1,501,594</b>	<b>109,573,154</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

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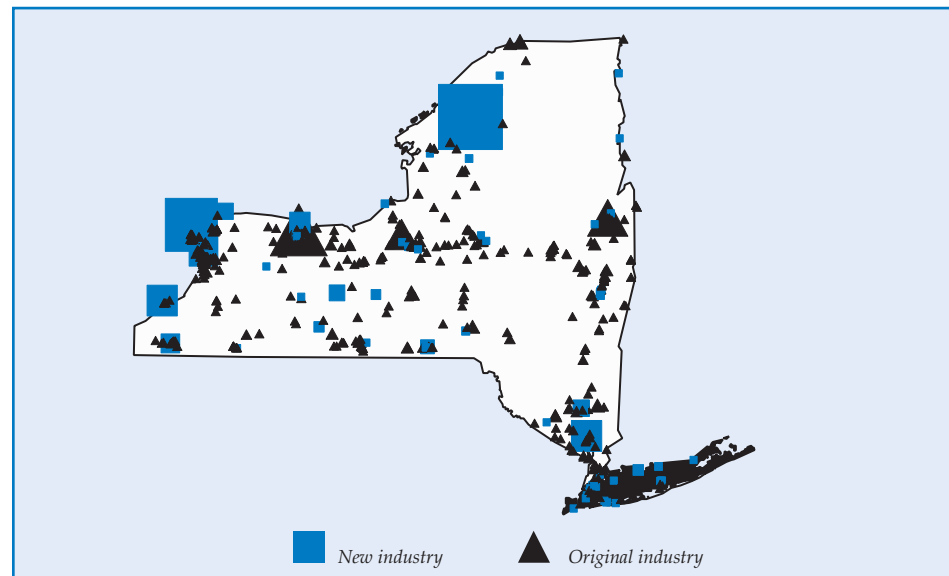
#### To obtain TRI data use

assistance, call TRI User

Support Service (TRI-US):

(202) 260-1531

Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of New York. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	18,196,601
Square Miles	47,224
Total Facilities	700
Total Forms	2,355
Form As	376

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	24	23	26
Pounds	35,840,928	35,973,300	71,814,228
<b>National Rank for Total On-site Releases**</b>			
Rank	25	23	27
Pounds	26,605,235	35,250,361	61,855,596
<b>National Rank for Total Releases within State***</b>			
Rank	26	23	27
Pounds	31,665,454	36,289,225	67,954,679
<b>National Rank for Production-related Waste Managed</b>			
Rank	17	27	20
Pounds	421,655,790	47,331,452	468,987,242

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1999 Toxics Release Inventory

## NEW YORK

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Nitrate compounds	1,493	8,995,338	0	29,527	68,096	9,094,454	0	49,987	18,109
--	Lead compounds	5,591	695	0	5	3,679,473	3,685,764	233,907	306,285	3,434,003
108-88-3	Toluene	2,291,290	1,103	0	761	72,952	2,366,106	5,864	58,821	14,131
67-56-1	Methanol	1,835,028	59,639	0	7,646	23,130	1,925,443	117	22,720	410
7647-01-0	Hydrochloric acid	1,832,637	0	0	0	5	1,832,642	0	0	5
75-09-2	Dichloromethane	1,686,549	3,405	0	0	20,929	1,710,883	1,070	9,290	11,639
7664-41-7	Ammonia	1,165,700	120,365	0	603	4,052	1,290,720	9,835	1,852	2,200
--	Zinc compounds	54,485	23,616	0	13,570	1,159,377	1,251,048	71,928	1,129,708	333,511
--	Glycol ethers	872,579	4,910	0	0	8,622	886,111	1,810	593	8,029
75-15-0	Carbon disulfide	772,000	0	0	0	1,404	773,404	0	1,404	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	11,736,560	0	0	0	0	11,736,560	0	0	0
--	Zinc compounds	1,323,738	38,768	0	7,112,819	249,671	8,724,996	68,316	10,738	238,933
7664-93-9	Sulfuric acid	5,000,469	0	0	0	0	5,000,469	0	0	0
--	Lead compounds	2,203	101	0	1,885,320	6,757	1,894,381	139,232	1	6,756
--	Barium compounds	54,242	175,429	0	1,334,315	306,255	1,870,241	26,978	167,103	139,152
--	Copper compounds	38,474	1,694	0	1,612,145	23,918	1,676,231	55,888	3,936	19,982
1336-36-3	Polychlorinated biphenyls (PCBs)	2	1	0	1,640,000	1	1,640,004	0	0	1
7664-39-3	Hydrogen fluoride	882,184	0	0	0	0	882,184	9	0	0
1332-21-4	Asbestos (friable)	0	0	0	770,000	0	770,000	0	0	0
--	Manganese compounds	1,932	60,540	0	447,777	28,802	539,051	10,367	10,190	18,612

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1999 Toxics Release Inventory

## NEW YORK

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Eastman Kodak Co. Kodak Park, Rochester, Monroe	4,613,173	633,564	0	0	0	759	5,247,496	200,289	1,860
Finch Pruyn & Co. Inc., Glens Falls, Warren	266,355	3,160,000	0	0	0	0	3,426,355	44,750	0
Anheuser-Busch Inc., Baldwinsville, Onondaga	32,167	2,626,983	0	0	0	0	2,659,150	1,790	0
3M Tonawanda, Tonawanda, Erie	815,300	0	0	0	0	0	815,300	1,404	0
Reynolds Metals Co. - St. Lawrence Reduction Plant, Massena, St Lawrence	767,337	3,100	0	0	0	0	770,437	250	0
IBM, Hopewell Junction, Dutchess	43,750	541,574	0	0	0	0	585,324	0	0
Amphenol Corp., Sidney, Delaware	46,589	526,868	0	0	0	0	573,457	0	59,030
Toshiba Display Devices Inc., Horseheads, Chemung	15,524	468,694	0	0	0	0	484,218	112,567	0
Alcoa Inc., Massena, St Lawrence	433,746	317	0	0	0	0	434,063	49,457	221
GE Co. Silicone Prods., Waterford, Saratoga	386,853	23,435	0	0	11,227	0	421,515	0	191,360

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
ZCA Mines Inc. #4 Mine & Mill, Gouverneur, St Lawrence	58,515	2,832	0	0	0	7,763,235	7,824,582	0	0
CWM Chemical Services L.L.C, Model City, Niagara	12	209	0	0	6,184,700	0	6,184,921	1	21,163
Southern Energy - Lovett Generating Station, Tomkins Cove, Rockland	3,194,862	1,702	0	0	0	0	3,196,564	5,256	184,863
NRG Dunkirk Ops. Inc. Dunkirk Steam Station, Dunkirk, Chautauqua	2,982,745	191,000	0	0	0	0	3,173,745	20,400	0
C.R. Huntley Steam Station, Tonawanda, Erie	2,812,720	163,001	0	0	0	0	2,975,721	38,600	0
Russell Station, Rochester, Monroe	1,830,820	422	0	0	0	1	1,831,243	92	0
Samuel Carlson Generating Station, Jamestown, Chautauqua	1,587,574	0	0	0	0	15	1,587,589	62,111	20,317
Central Hudson Gas & Electric Corp. Danskammer Generating Sta., Newburgh, Orange	1,236,720	65	0	0	0	23,650	1,260,435	0	0
AES Somerset Generation Plant, Barker, Niagara	316,867	307	0	0	0	903,000	1,220,174	0	0
AES Greenidge Generation Plant, Dresden, Yates	998,930	362	0	0	0	174,211	1,173,503	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 1999 Toxics Release Inventory

## NEW YORK

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
Eastman Kodak Co. Kodak Park, Rochester, Monroe	0	1,821,200	0	0	32,942,648	16,238	5,444,236	40,224,322	0
Finch Pruyn & Co. Inc., Glens Falls, Warren	0	0	0	0	3,680,000	0	3,470,000	7,150,000	0
Anheuser-Busch Inc., Baldwinsville, Onondaga	0	0	0	0	82,243	1,812	2,659,151	2,743,206	5
Buckbee-Mears Cortland, Cortland, Cortland	5,300	0	0	0	630,000	41,821	897,523	1,574,644	0
3M Tonawanda, Tonawanda, Erie	950,000	0	710,000	0	0	9,200	813,000	2,482,200	0
Reynolds Metals Co. - St. Lawrence Reduction Plant, Massena, St Lawrence	0	21,000	0	0	3,254,000	3,000	699,692	3,977,692	68,200
Toshiba Display Devices Inc., Horseheads, Chemung	1,385,277	701,884	0	9,097	528,256	1,118	596,954	3,222,586	0
GE Co. Silicone Prods., Waterford, Saratoga	930,000	1,700,000	1,400,000	0	21,220,900	18,052	592,408	25,861,360	11,010
IBM, Hopewell Junction, Dutchess	0	475,942	0	219,685	481,849	458,997	585,324	2,221,797	0
Amphenol Corp., Sidney, Delaware	0	78,526	0	0	716,324	7,595	573,436	1,375,881	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
ZCA Mines Inc. #4 Mine & Mill, Gouverneur, St Lawrence	0	0	0	0	0	0	10,140,911	10,140,911	0
CWM Chemical Services L.L.C, Model City, Niagara	0	389	0	0	18,500	64,049	6,210,615	6,293,553	0
Southern Energy - Lovett Generating Station, Tomkins Cove, Rockland	0	0	0	0	0	0	3,500,825	3,500,825	0
NRG Dunkirk Ops. Inc. Dunkirk Steam Station, Dunkirk, Chautauqua	0	0	0	0	729,000	0	3,195,000	3,924,000	0
C.R. Huntley Steam Station, Tonawanda, Erie	0	0	0	0	668,000	0	3,013,500	3,681,500	0
Russell Station, Rochester, Monroe	0	0	0	0	0	2	1,831,330	1,831,332	0
Samuel Carlson Generating Station, Jamestown, Chautauqua	0	0	0	0	0	0	1,670,779	1,670,779	0
Central Hudson Gas & Electric Corp. Danskammer Generating Sta., Newburgh, Orange	0	0	0	0	0	0	1,260,650	1,260,650	0
AES Somerset Generation Plant, Barker, Niagara	0	0	0	0	3,080,000	0	1,216,000	4,296,000	0
AES Greenidge Generation Plant, Dresden, Yates	0	0	0	0	0	0	1,172,962	1,172,962	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.